Index of Claims

| Application No. | Applicant(s)    |
|-----------------|-----------------|
| 09/890,687      | STANCZAK ET AL. |
| Examiner        | Art Unit        |
| Ali Abdelwahed  | 3722            |

| 1 | Rejected | _ | (Throu |
|---|----------|---|--------|
| _ | Allowed  | + | R      |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  | A | Appeal   |
|---|--------------|---|----------|
| 1 | Interference | 0 | Objected |

| Cla                    | aim      |                |                 |              | Da            | ate      |          |          |               |             | -        | Cla  | im       |                 |                 | Date            | ;          |               | - 2      | 1   | Cla           | aim      |          |         |         | Dat            | e         |                      |          |                |
|------------------------|----------|----------------|-----------------|--------------|---------------|----------|----------|----------|---------------|-------------|----------|--|----------|-----------------|-----------------|-----------------|------------|---------------|----------|-----|---------------|----------|----------|---------|---------|----------------|-----------|----------------------|----------|----------------|
|                        | _        | <b>.</b>       |                 | Т            | Т             | Т        |          | T        | $\neg \Gamma$ | 7           |          |  |          |                 |                 |                 |            |               | 1        |     |               |          |          | T       |         | Т              | Τ         | П                    |          | П              |
| ल                      | 2. □     | 호              |                 |              | ŀ             |          |          | -        |               | -           |          | ਲ  | .≅       |                 |                 |                 |            |               | -r       |     | त्त्          | ina      |          |         |         |                |           |                      |          |                |
| Final                  | Original | 12/23/04       |                 | -            |               |          |          |          |               |             | 37       | Final  | Original |                 |                 |                 |            |               |          |     | Final         | Original |          |         |         | 1              |           |                      |          | il             |
| -                      | 0        | 2              |                 | -            |               |          |          |          |               | 4           |          | _  | 0        |                 |                 |                 |            |               |          | 4   | _             | Ō        |          |         |         | 1              |           |                      |          |                |
| $\vdash$               | 1        | 1              | $\vdash$        | 7            | 十             | +        | +        | $\dashv$ | +             | 1           | 1        | -  | 51       |                 |                 | +               | $\dashv$   | +             | -40      | +   | $\dashv$      | 101      | $\dashv$ | +       | +       | +              | +         | ┤┤                   |          | Н              |
|                        | 2        | 1              | $\vdash$        | +            | +             | $\dashv$ | +        | +        | -             | -           | ł        |  | 52       |                 |                 | +               | +          | $\dashv$      | _        | ŀ   | $\dashv$      | 102      | $\dashv$ | +-      | +       | ╁              | ╫┈        | $\vdash$             | $\vdash$ | Н              |
|                        | 3        | 1              | $\vdash$        | +            | $\dashv$      | $\dashv$ | $\dashv$ | +        | <del></del>   | $\dashv$    |          |  | 53       |                 |                 | +               | $\dashv$   | +             |          | -   | -             | 103      | $\dashv$ | +-      | +-      | ╁╌             | ⊢         | ╁                    | $\vdash$ | Н              |
|                        | 4        | 1              | $\dashv$        | +            | $\dashv$      | +        | $\dashv$ | $\dashv$ | $\dashv$      | ┨.          | ŀ        | -  | 54       | $\vdash$        |                 | +               | -          | +             | -        | 1   |               | 104      |          | -       | +       | ╁              | +-        | ⊢                    | $\vdash$ | Н              |
| _                      | 5        | 1              | $\vdash$        | ┪            | $\dashv$      | $\dashv$ | $\dashv$ | +        | +             | -           | H        | -  | 55       |                 |                 | +               |            | +-+           |          | 1   | -             | 105      | -        | +       | +       | ╁              | +         | ┤┤                   | $\vdash$ | $\vdash\dashv$ |
| _                      | 6        | 1              | -               | $\dashv$     |               | +        | $\dashv$ | +        |               | ╣           | ŀ        | $\dashv$   | 56       | $\vdash$        | $\vdash$        | +-              | $\dashv$   | +             | -        | H   |               | 106      | -        | -       | ╫       | ╀              | ╁         | ⊢                    | $\vdash$ | Н              |
|                        | 7        | 1              | -               | ╅            |               | +        | +        | +        | -             | <b>-</b> [i | 1        |  | 57       |                 |                 | +               |            |               |          | ŀ   | -             | 107      | -        | +       | +       | ╁              | ╁         | ⊢                    | -        | $\vdash$       |
| <u> </u>               | 8        | 1              | +               | +            | +             | +        | +        | -+       |               | 4:          |          | -  | 58       |                 | -               | +               |            | ++            | -        | ŀ   |               |          | -+       | +-      | +-      | ┿              | ┾         | $\vdash\vdash$       | $\vdash$ | Н              |
| <u> </u>               | 9        | 1              |                 | +            |               | ┽        | +        | +        | -             | ٠,          |          | -  | 59       |                 |                 | +               |            | +-+           |          | 1   |               | 108      | -        | +       | +       | ╀              | ╀         | ₩                    | $\vdash$ | $\vdash$       |
| <u> </u>               |          |                |                 | +            |               | +        | -+       | +        | +             | - 9         | -        | $\rightarrow$  |          |                 |                 | +               | -          |               |          | 1   | $\dashv$      | 109      | $\dashv$ | +       | +       | ⊢              | ₩         | ┨                    | $\dashv$ |                |
| $\vdash$               | 10       | 0              | $\dashv$        | +            | $\dashv$      | +        | +        | +        | +             | <b>-</b>    | ٠.       |  | 60       |                 |                 | +-              | -          |               | -1.      | 1   |               | 110      | $\dashv$ | +       | +       | +-             | ⊢         | $\vdash$             |          | Щ              |
| <del> </del>           | 11       | 1              | $\vdash$        | +            | +             | +        | $\dashv$ | -+-      |               | - 2         | 1        |  | 61       | $\vdash \vdash$ | $\vdash \vdash$ | +               | +          | +             |          | 1   |               | 111      | $\dashv$ | +       | +       | +              | $\vdash$  | Н                    | $\dashv$ | Н              |
| <u> </u>               | 12       | 7              | $\vdash$        | +            |               | +        | -        | +        | +             | -           | . †      | $\dashv$   | 62       | $\vdash \vdash$ | $\vdash \vdash$ | +               | +          | +             | - 3      |     |               | 112      | $\dashv$ | +       | +       | -              | $\vdash$  | $\vdash \vdash$      | $\dashv$ | Н              |
| <u> </u>               | 13       | 0              |                 | 4            |               | +        | +        | -        | +             |             |          | $\longrightarrow$  | 63       | $\vdash\vdash$  | $\vdash$        | +               | $\dashv$   | -             |          | ŀ   |               | 113      | $\dashv$ | +       | +       | ₩              | ╄         | Н                    | $\dashv$ | Щ              |
| <u> </u>               | 14       | ٧              | $\vdash$        | 4            | +             | 4        | $\dashv$ |          | - -           | _           | 1        |  | 64       | $\vdash \vdash$ | $\vdash \vdash$ | +               | $\dashv$   | +             |          | ŀ   |               | 114      | $\dashv$ | $\bot$  | +       | 1-             | 1         | $\vdash \vdash$      |          | Щ              |
|                        | 15       | -              |                 | 4            | _  .          | 4        | $\dashv$ | _        | $\bot$        | 4           |          |  | 65       | igspace         | $\vdash \vdash$ | +               | <b>—</b> L | -             |          |     |               | 115      | $\dashv$ | $\perp$ | $\bot$  |                | _         | Щ                    |          | Щ              |
|                        | 16       | -              | Щ.              | 4            | $\bot$        | 4        | $\dashv$ | $\dashv$ | $\perp$       | 4           |          |  | 66       |                 | $\vdash$        | $\bot$          | _          | +             |          | Ļ   |               | 116      | $\dashv$ | $\bot$  | _       | 1              | 1_        | Щ                    |          | Щ              |
|                        | 17       | -              | $\perp \perp$   | 4            | $\bot$        | 4        | _        | 4        | $\perp$       |             | S        |  | 67       |                 | <b> </b>        | ╀               | $\perp$    | $\perp \perp$ |          | 3   |               | 117      | _        | Ц.      | 4_      | 1_             | _         | Ш                    |          | Ц              |
|                        | 18       | -              | $\perp$         | 4            | _             | _        | _        | _        |               |             |          |  | 68       |                 |                 |                 |            | $\perp$       | T Sty    |     |               | 118      |          |         | $\perp$ | L              | _         | Ш                    |          | $\square$      |
|                        | 19       | -              |                 | 4            |               | $\perp$  |          | $\perp$  |               | ┙           |          |  | 69       |                 |                 |                 |            |               |          | L   |               | 119      |          |         | $\perp$ |                |           | Ш                    |          | $\Box$         |
|                        | 20       | -              |                 | $\perp$      |               |          |          | $\perp$  |               | _           |          |  | 70       |                 |                 | 1_              |            |               |          | L   |               | 120      |          | $\perp$ | $\perp$ |                |           | Ш                    |          |                |
|                        | 21       | -              |                 |              |               |          |          | L        |               |             | . [      |  | 71       |                 |                 |                 |            |               |          | ·L  |               | 121      |          |         |         |                |           |                      |          |                |
|                        | 22       | -              |                 |              | $\bot$        | $\perp$  |          |          |               |             | - [      |  | 72       |                 |                 | 1               |            |               | -25      | 3   |               | 122      |          |         |         |                |           |                      |          |                |
|                        | 23       | -              |                 |              |               |          |          |          |               | 9           | [        |  | 73       |                 |                 |                 |            |               |          | - [ |               | 123      |          | Т       | T       | Т              |           |                      |          |                |
|                        | 24       | -              |                 | T            |               |          |          | П        |               | 1           | . [      |  | 74       |                 |                 |                 |            | $\top$        |          |     |               | 124      |          | T       | T       | Т              | П         |                      |          |                |
|                        | 25       | -              |                 | T            |               | П        |          | П        |               |             |          |  | 75       |                 |                 |                 |            | $\top$        | 100      |     |               | 125      | $\neg$   | $\neg$  | $\top$  | T              |           |                      |          |                |
|                        | 26       | 1              |                 | T            |               | T        | T        | T        |               | - 45        |          |  | 76       |                 |                 | 1               | $\neg$     | $\top$        | 3        |     | T             | 126      | 一        | $\neg$  | $\top$  | $\top$         |           | П                    |          |                |
|                        | 27       | V              |                 | 7            |               | 丁        | 丁        |          | $\top$        |             |          | $\neg \neg$  | 77       |                 |                 |                 |            | 111           | 7        |     |               | 127      |          |         |         |                | $\vdash$  | П                    | $\neg$   | $\neg$         |
|                        | 28       | 1              |                 | ┪            | T             | ╅        |          | $\neg$   | T             | 1.5         | 50<br>31 | $\neg$   | 78       |                 |                 | 1               |            | 11            | 19.      |     |               | 128      |          |         | 1       | T              | 1         |                      |          |                |
|                        | 29       | 0              |                 | 7            |               | 7        | ┪        | T        |               |             | 33       |  | 79       |                 |                 |                 |            | $\top$        | 14.1     |     | $\neg$        | 129      | 一十       | 十       | $\top$  | T              | Т         |                      |          |                |
|                        | 30       | 1              |                 | 7            | $\top$        | 十        | T        | T        |               | ٦.          |          | $\neg \neg$  | 80       |                 |                 | $\top$          | ┪          | 1             | -        |     | $\dashv$      | 130      | 一        | 十       | 十       | $\vdash$       | $t^-$     |                      | $\neg$   |                |
|                        | 31       | 0              | $\neg$          | 7            | $\neg \vdash$ | _        | 1        | T        | $\dashv$      | <b>-</b>    | 1        | $\neg$   | 81       |                 |                 | 1-              | _          |               |          | ľ   | $\dashv$      | 131      |          |         | 十       | $\vdash$       | $\vdash$  |                      | $\dashv$ |                |
|                        | 32       | 1              | $\dashv$        | 1            | $\dashv$      | ┪        | T        | _        |               | 7           | ı        | $\neg$   | 82       |                 | -               | 1               | $\dashv$   | +             | -        | ŀ   |               | 132      |          | +       |         | 1              | ✝         |                      | $\dashv$ |                |
|                        | 33       | 1              | $\neg$          | ✝            | _             | +        |          | +        |               | ٦.          | ı        | $\neg$   | 83       |                 | -               | 1               | $\dashv$   | +             |          | ŀ   |               | 133      | -        |         | +       | $\vdash$       | $\vdash$  |                      | $\dashv$ |                |
|                        | 34       | 0              | $\dashv$        | +            | $\neg$        | +        | +        | $\top$   | $\top$        | -           | 1        |  | 84       | $\Box$          | $\vdash$        | $\dagger \lnot$ | $\dashv$   | ++            |          | +   |               | 134      | $\dashv$ | +       | +       | T              | $\vdash$  | H                    | -        |                |
|                        | 35       | -              | $\dashv$        | 7            | 十             | $\top$   | $\top$   | $\top$   | +             | ٦.          | ऻ        | $\neg$   | 85       |                 |                 | T               | $\dashv$   | ++            | -1.      | ŀ   |               | 135      | 十        | +       | +       | †              | 1         | H                    | $\dashv$ | $\dashv$       |
|                        | 36       | Н              | $\neg \uparrow$ | +            | 十             | $\top$   | $\top$   | $\top$   | $\dashv$      | 1           | 1        |  | 86       |                 | $\vdash$        | $\top$          | +          | ++            |          |     |               | 136      | $\dashv$ | +       | +       | †              | †         | H                    | $\dashv$ | $\dashv$       |
|                        | 37       | Н              | $\dashv$        | $\dagger$    | $\dashv$      | +        | $\top$   | $\top$   | $\top$        | 1           | 1        | $\rightarrow$  | 87       |                 | $\vdash$        | T               | $\dashv$   | +++           |          |     |               | 137      | $\dashv$ | +       | +       | T              | $\vdash$  | $\vdash$             | $\dashv$ | $\dashv$       |
|                        | 38       | Н              | $\dashv$        | $^{\dagger}$ | $\dashv$      | +        | _        | $\dashv$ | +             | ٦.          |          | $\dashv$   | 88       |                 | <del>-  -</del> | +               | +          | +             | -        | 1   |               | 138      | $\dashv$ | +-      | +       | +              | $\vdash$  | Н                    | $\dashv$ | $\dashv$       |
|                        | 39       | $\vdash$       | $\dashv$        | $^{+}$       | +             | +        | 十        | 十        | +             | +           | 1        | $\dashv$   | 89       | $\dashv$        | -               | +               | $\dashv$   | ++            | 1.5.0    | ŀ   |               | 139      | $\dashv$ | +       | +       | $\vdash$       | 十         | $\vdash$             | $\dashv$ | $\dashv$       |
|                        | 40       | $\vdash$       | $\dashv$        | $^{+}$       | +             | +        | 十        | +        | +             | ٦,          | 1        |  | 90       | $\vdash$        | <del>   -</del> | +               | $\dashv$   | ++            | -        | ŀ   |               | 140      | +        | +       | +       | +              | ╁         | $\vdash$             | -        | $\dashv$       |
| $\vdash$               | 41       | $\vdash$       | $\dashv$        | +            | +             | +        | $\dashv$ | +        | +             | ۲.          | ŀ        |  | 91       | +               | $\vdash$        | +               | -          | ++            | $\dashv$ | +   | +             | 141      | $\dashv$ | +       | ╁       | -              | +         | $\vdash \vdash$      | $\dashv$ | $\dashv$       |
| $\vdash \vdash \vdash$ | 42       | Н              | $\dashv$        | +            | +             | +        | +        | +        | +             | $\dashv$    | <u>.</u> | $\dashv$   | 92       | $\vdash$        | $\vdash$        | +               | +          | +-+           |          | ŀ   |               | 142      | $\dashv$ | +       | +       | ╂              | $\vdash$  | $\vdash \vdash$      | $\dashv$ | $\dashv$       |
| $\vdash$               | 43       | Н              | $\dashv$        | +            | $\dashv$      | +        | +        | ╁        | +             | ન'ઃ         | Y.       | -  | 93       |                 | -               | +               | +          | +             | -        | -   |               | 143      | $\dashv$ | +       | +-      | ┼              | -         | $\vdash$             | $\dashv$ | $\dashv$       |
|                        | 44       | $\vdash$       | +               | +            | $\dashv$      | +        | +        | +        | +             | $\dashv$    | 1        | $\dashv$   | 94       | $\dashv \dashv$ | $\dashv$        | +-              | +          | +             | - 5      |     |               | 144      | +        | +       | +       | ╁              | ⊢         | ${oldsymbol{arphi}}$ | $\dashv$ | $\dashv$       |
|                        | 45       | $\vdash\vdash$ | $\dashv$        | +            | $\dashv$      | +        | +        | +        | +             | 45          | 1        | $\dashv$   | 95       |                 |                 | +               | +          | +             | -        | ïŀ  |               | 144      | +        | +       | +       | ⊢              | ⊢         | $\vdash \vdash$      |          | $\dashv$       |
|                        | 46       | $\vdash$       | +               | +            | +             | +        | +        | -+-      | -             | $\dashv$    | ŀ        | $\rightarrow$  | 96       | -               | +               | +               |            | +             | $\dashv$ | ŀ   | $\rightarrow$ | 145      | -        | -       | +       |                | ⊢         | $\vdash$             | $\dashv$ | $\dashv$       |
|                        | 47       | -              | +               | +            | +             | +        | +        | +        | +             | i,          |          | $\dashv$   | 96       |                 |                 | +               |            | ++            | 10       | ŀ   |               | 146      | _        | -       | +       | ⊢              | ├         | $\vdash \vdash$      | -        | _              |
|                        | 48       | Н              | +               | +            | +             | +        | +        |          | +             | - -         | ŀ        |  | 98       |                 | +               | +               | -          | +             | $\dashv$ | 1   |               | 147      |          | +       | +       |                | ⊢         | ${oldsymbol{arphi}}$ | 4        | _              |
|                        |          | Н              | +               | +            | +             | +        | $\dashv$ | +        | +             | -           | ŀ        |  |          | $+\!\!+\!\!\!+$ | +               | +-              | +          | ++            |          | ŀ   |               | 148      | +        | +       | +-      | ⊢              | $\vdash$  | $\vdash \vdash$      | $\dashv$ | _              |
| $\vdash$               | 49       | Н              | +               | +            |               | +        | +        | +        | +             | 4           | 1        | $\dashv$   | 99       |                 | -               | +               |            | ++            |          | L   |               | 149      | -        | +       | +       | <del> </del> _ | $\vdash$  | $\vdash \vdash$      | _        | _              |
| لــــا                 | 50       | Ш              |                 |              | J             |          |          |          |               | ┙           | L        | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | 100      |                 | $\bot$          | 1               |            | Ш,            |          | L   |               | 150      | $\perp$  |         |         |                | <u>L.</u> | Ш                    |          |                |